

What is claimed is:

1. Oligodeoxynucleotides for stimulating an adjuvant or treating immune-related diseases, presented in General Formula:

5 [General Formula]: HKCGTTCRTGTCSGM (SEQ ID NO: 1)

wherein, R represents A or G; S represents C or G; H represents A, T or C; K represents G or T; and M represents C or A.

2. The oligodeoxynucleotides for stimulating an adjuvant or treating
10 immune-related diseases according to the claim 1,

wherein the oligonucleotides further comprise five nucleotides, presented in following General Formula, at a 5'-terminal end and a 3'-terminal end:

[General Formula]: DKMHKCGTTCRTGTCSGMYK (SEQ ID NO: 2)

wherein, R represents A or G; S represents C or G; H represents A, T or C; K
15 represents G or T; D represents A, G or T; M represents C or A; M represents C or A; and Y represents C or T.

3. The oligodeoxynucleotides according to any of the claims 1 and 2,
wherein the oligodeoxynucleotides protect normal immune cells when the
20 radiotherapy is applied.

4. The oligodeoxynucleotides according to any of the claims 1 and 2,
wherein the oligodeoxynucleotides treat or prevent skin diseases.

5. The oligodeoxynucleotides according to any of the claims 1 and 2,
wherein the oligodeoxynucleotides maintain balances of various Th1/Th2
immune reactions.

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6. The oligodeoxynucleotides according to any of the claims 1 and 2,
wherein the oligodeoxynucleotides have a phosphodiester bond or
phosphorothioate bond between the nucleotides.

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7. The oligodeoxynucleotides according to any of the claims 1 and 2,
wherein the oligonucleotides are selected from the group consisting of
5'-AGCAGCGTTCGTGTCGGCCT-3' (SEQ ID NO: 3),
5'-AGCAGCGTTCGTGTGCGCCT-3' (SEQ ID NO: 4),
5'-AGCAGCGTTCATGTCGGCCT-3' (SEQ ID NO: 5),
15 5'-AGCAGCGTTCGTGTCCGCCT-3' (SEQ ID NO: 6),
5'-GTATTCGTTCGTGTCGTCCT-3' (SEQ ID NO: 7) and
5'-TGA CTCGTTCGTGTCGCATG-3' (SEQ ID NO: 8).